

Abstract

A modular wall panel system 10 for building construction is disclosed. The panel is modular and prefabricated; such that it can be assembled with other panels at a construction site by inserting a tongue 5 in the groove 4 of an adjacent panel, and overlapping the fiberglass mesh 1 which extends from all sides of the panel and fixing them to each other. The panel is formed from at least two layers of fiberglass mesh 1 embedded in a mix 2, and at least one layer of lightweight material such as polystyrene 3 as filler.